

CLAIMS:

1. A high-pressure discharge lamp having a quartz glass discharge vessel enclosing a discharge space with an ionizable filling, wherein a first electrode and a second electrode are present between which a discharge is maintained during lamp operation, wherein a first seal incorporates a first internal electrical conductor which connects the first
5 electrode to a first external electrical conductor extending from the seal to the exterior, wherein said first seal further incorporates a gas-filled cavity which is at least partially surrounded by an external capacitive body, characterized in that said external capacitive body is electrically isolated from the first and second electrodes.
- 10 2. A lamp as claimed in claim 1, wherein the external capacitive body comprises a wire which is wound around the seal.
3. A lamp as claimed in claim 1, wherein the external capacitive body comprises a resilient body which clamps itself partially around the seal.
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4. A lamp as claimed in any one of the preceding claims 1 to 3, wherein the internal electrical conductor is a foil which extends through the cavity.
5. A lamp as claimed in any one of the preceding claims 1 to 4, wherein the gas
20 filling of the cavity comprises mercury vapor.
6. A lamp assembly, wherein the lamp as claimed in any one of the preceding claims 1 to 5 is mounted in a holder of a lamp reflector, and wherein said capacitive body is at least partially mounted within said holder.
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7. A lamp assembly as claimed in claim 6, wherein said lamp and said capacitive body are mounted in said holder by means of cement.

8. A lamp assembly as claimed in claim 6 or 7, wherein the electrodes of said lamp are connected to a resonance ignition system having a frequency of at least 50 kHz, preferably approximately 150 kHz.

5 9. A method of manufacturing a high-pressure discharge lamp, whereby a quartz glass discharge vessel enclosing a discharge space is filled with an ionizable filling, whereby a first electrode and a second electrode are placed such that a discharge can be maintained during lamp operation, whereby a first seal is provided with a first internal electrical conductor which connects the first electrode to a first external electrical conductor extending
10 from the seal to the exterior, and whereby said first seal is further provided with a gas-filled cavity which is at least partially surrounded by an external capacitive body, characterized in that said external capacitive body is electrically isolated from the first and second electrodes.